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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 175US1 U.S. APPLICATION NO. 10/7594158 FILED NOV. 10, 2003, SEE 37 CFR 1.5
INTERNATIONAL APPLICATION NO. PCT/GB2005/001157	INTERNATIONAL FILING DATE March 24, 2005	PRIORITY DATE CLAIMED March 26, 2004
TITLE OF INVENTION IMPROVEMENTS IN AND RELATING TO FISSURE REPAIR		
APPLICANT(S) FOR DO/EO/US Alan McLeod et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IAP16 Rec'd PCT/PTO 26 SEP 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/594158	PCT/GB2005/001157	175US1

20. Other items or information:

Form 1449 (1 pg.), Copies of 2 cited references, transmittal document (1pg.), return receipt postcard

The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300			\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$ 200.00	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....	\$0				
All other situations.....	\$200				
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))				\$ 500.00	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....	\$0				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100				
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....	\$400				
All other situations.....	\$500				
TOTAL OF 21, 22 and 23 =				1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).					
The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$ 0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	25 - 20 =	5	x \$ 50	\$ 250.00	
Independent claims	3 - 3 =	0	x \$200	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1740.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
			SUBTOTAL =	\$ 870.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			+ \$ 0.00		
TOTAL NATIONAL FEE =				\$ 870.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$		
TOTAL FEES ENCLOSED =				\$ 870.00	
			Amount to be refunded:	\$	
			Amount to be charged	\$	

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PTO-1390 (Rev. 07-2005)

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- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2040. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number: 30328
Nuvasive Inc.
c/o Intelleivate
P.O. Box 52050
Minneapolis, MN 55402

Jay B Bell
SIGNATURE

Jay B. Bell

NAME

58,551

REGISTRATION NUMBER

The PTO did not receive the following listed item(s)

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In re Patent Application of: Alan McLeod et al.
Title: IMPROVEMENTS IN AND RELATING TO FISSURE REPAIR
Attorney Docket No.: 175US1 (80100.175JS1)

Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:

CONTENTS: Transmittal Letter to United States Designated/Elected Office
(DO/EO/US) Concerning Submission under 35 U.S.C. 371 (3 pgs); Filing fee charged to
Deposit Account; Information Disclosure Statement (1 pgs); Form 1449 (1 pgs); and copies of
cited references (2); return postcard and transmittal sheet.

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Mailed: September 26, 2006

10/594158

IAP15 Rec'd PCT/PTO 26 SEP 2006

IAP16 Rec'd PCT/PTO 26 SEP 2006

10/594158

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Alan McLeod et al.

Title: IMPROVEMENTS IN AND RELATING TO FISSURE REPAIR

Attorney Docket No.: 175US1

PATENT APPLICATION TRANSMITTAL

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We are transmitting herewith the following attached items and information (as indicated with an "X"):

- Return postcard.
 Transmittal Letter to United States Designated/Elected Office (DO/EO/US) Concerning Submission under 35 U.S.C. 371 (3 pgs)
 Please charge the filing fee of \$ 870.00 Deposit Account No. 50-2040.
 Information Disclosure Statement (1 pgs), Form 1449 (1 pgs) and copies of cited references (2).

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	25-20	5	x 25.00 =	\$125.00
INDEPENDENT CLAIMS	3-3	0	x 100.00 =	\$0.00
[X]MULTIPLE DEPENDENT CLAIMS PRESENTED				\$180.00
BASIC FEE				\$150.00
SEARCH FEE				\$250.00
EXAMINATION FEE				\$100.00
APPLICATION SIZE FEE				\$0
TOTAL				\$805.00

Please charge any additional required fees or credit overpayment to Deposit Account No. 50-2040.

By: Jay B. Bell
Atty: Jay B. Bell
Reg. No. 58,551

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"Express Mail" mailing label number: EV784745478US

Date of Deposit: September 26, 2006

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.